Clever Little Box.

wi-view. 300V

Projector-to-Wireless Converter

User Guide

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wi-view 300V
Projector-to-Wireless Converter

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Overview

Wi-View 300V is an easy installation, convenient operation and user-friendly projecting device. It turns your current standard wired projector into a wireless device and PC/Notebooks will be easier to project screen to Projector.

• **Plug & Play**

Wi-View 300V is a plug-and-play device which is easy to install and connect with. Any Notebooks/PCs with built-in Centrino or Wi-Fi card can easily download the wireless projection software and connect to Wi-View 300V.

• **Flexibility**

Compatible with all kinds of projectors, Wi-View 300V uses wire-line or wireless connection, to display presentations. Instantly project your screen to the projector with just one mouse click. Nor more cable swapping hassles.

• **Performance**

Wi-View 300V is able to deliver real time animation screens for up to 1280x768 resolutions in 24-bit color depth. It also provides friendly web-based administrating UI for easy configuration and wireless security setups.

• **Security**

Support Login code to protect other users from accessing presentation contents. During presentation, screen images can also be protected by WEP 64/128 encryption.

• **Conference Control**

Supporting multi-users to switch presentation, any member at the conference can easily login to the server and switch the computer's screen to Projector without switching cables or connectors.

Features

- Wireless presentation, no more cable swapping.
- Video projection, projecting your audio/video file on the screen through WLAN/LAN.
- Compatible to all projectors with standard VGA connectors.
- One-Click to switch presenters' displays.
- Real time display for PowerPoint presentations, images and applications.
- Supports output resolutions up to 1280x768 with 24-bit color.
- No installation CD required, software is directly downloaded from the device.
- Provides session security login and wireless WEP key to protect presentation contents.
- Conference control function allows the host to moderate a meeting.
- Provides friendly web-based user interface for easy configuration.
- Supports static-IP and DHCP server.

wi-view 300V
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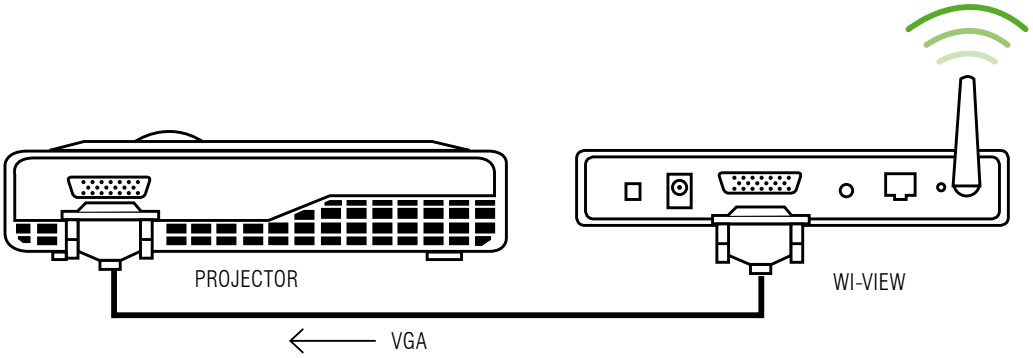
Specification

Model:	Wi-View 300V:
Wireless Standards	IEEE 802.11g
LAN Standards	IEEE 802.3u
Data Rate	Wireless: up to 54Mbps LAN: 10/100 Mbps with auto MDI/MDIX
Wireless Channels	11 (US, Canada) 13 (Europe) 14 (Japan)
Protocol	TCP/IP
IP Configuration	Automatic: DHCP Manual: static IP address
Security	IEEE Standard 64/128 bit WEP
Antenna	Detachable antenna with SMA connector
Transmission Power	2dBi external dipole antenna
Receiving Sensitivity	– 65dBm @ 54Mbps – 80dBm @ 11Mbps at 10-5 BER
Wireless Link Coverage	Up to 300 feet/100 meters, depends on environment
Video Streaming	MPEG1/2/4, HD Video Support
Supported Video Format	MPEG1/MPEG2/MPEG4(DivX, Xvid)/WMV9
Supported PC/NB Resolution Color Depth	16/32 bit color depth
Supported PC/NB Resolution	SVGA (800x600), XGA (1024x768), WXGA (1280x768)
Supported Output Resolution	SVGA (800x600). XGA (1024x768), WXGA (1280x768)
Supported Operation System	Windows Vista/XP/2003/2000
Power	DC5V, 2.5A
Interfaces	15-pin VGA, RJ-45, Power switch, Reset button, Stereo phone jack, Audio output
Environmental Conditions	Operating temperature: 0~40°C
Dimension	117mm(W) x 140mm(D) x 27mm(H)
Weight	279g

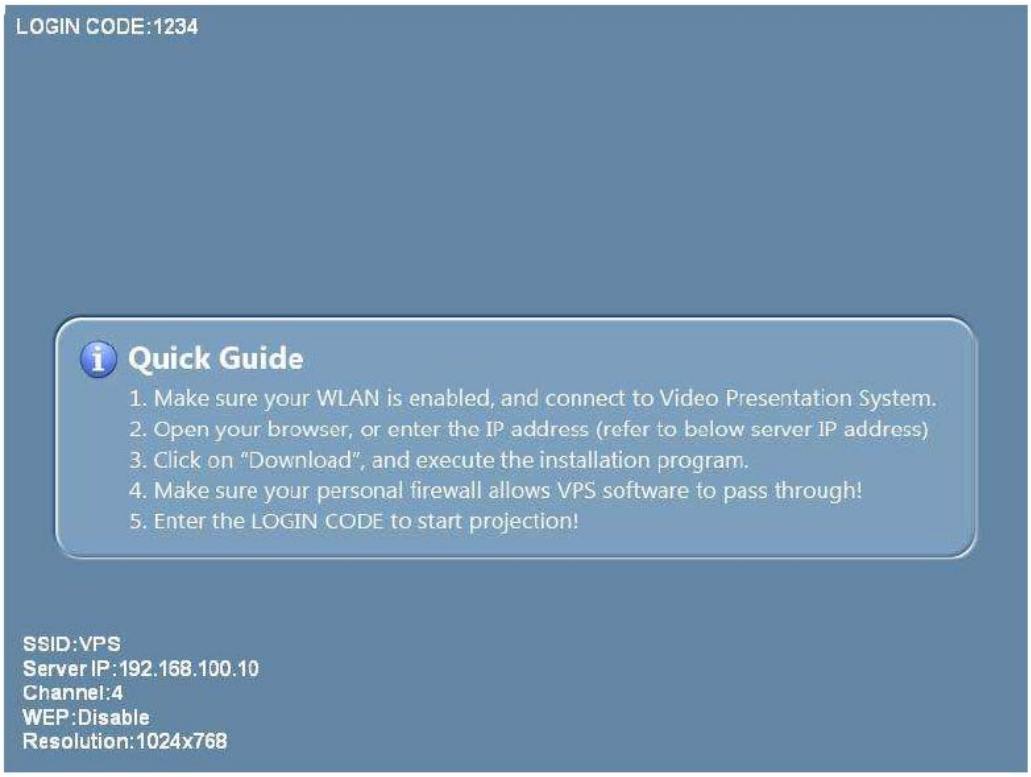
Quick Start

1) Connect projector VGA cable to Wi-View 300V box VGA connector and turn on projector power.



2) Turn on Wi-View 300V box.

- When Projector shows the default menu on the screen as below, it indicates the Wi-View 300V box is ready for connection and use.


LOGIN CODE:1234
Quick Guide
1. Make sure your WLAN is enabled, and connect to Video Presentation System.
2. Open your browser, or enter the IP address (refer to below server IP address)
3. Click on "Download", and execute the installation program.
4. Make sure your personal firewall allows VPS software to pass through!
5. Enter the LOGIN CODE to start projection!
SSID:VPS
Server IP:192.168.100.10
Channel:4
WEP:Disable
Resolution:1024x768

3) Make sure your PC WLAN is enabled and connect your PC with the Wi-View 300V box.

4) Open your browser and it will automatically redirect to Wi-View 300V main page, or you can enter the IP address to access the Wi-View 300V web home page.

- The default IP address of Wi-View 300V is 192.168.100.10 or refers to the IP address shown on the left corner of projected screen.

5) Click on **Download Software**, and execute the installation program.

- After installing the program, you will see 'VPS-300V' shortcut on your PC desktop.

File Download - Security Warning
Do you want to run or save this file?
Name: VPS-300V.exe
Type: Application, 1.36MB
From: 192.168.100.10
Run
Save
Cancel
While files from the Internet can be useful, this file type can potentially harm your computer. If you do not trust the source, do not run or save this software. What's the risk?

6) Make sure your personal firewall allows Wi-View 300v software to pass through.

7) Enter the LOGIN CODE

• You can see the login code on the projected screen

8) Click the **Play** button to start projection!

Client Utility

Starting Program

After you have successfully downloaded the Wi-View 300v Windows program via your web browser, follow the next step to start.

1) Click VPS-300v icon to execute the program.

2) The program will automatically start to search for your Wi-View unit.

3) Once found, the **Login Code** dialog box will appear on the PC screen.

4) If not, the Wi-View unit will disconnect and the **Reconnect** button will appear for you to try again.

Searching for Wi-View box

• Once the Wi-View unit has been found, enter login code to start.

• Failed to find Wi-View 300v unit

Login

1) Enter login code to start presentation.

2) You can see the login code shown on the projected screen.

Button Descriptions

Once you have logged in successfully, you will see the main User Interface of the Wi-View application.

Button Descriptions for the Wi-View Interface:

Presentation Mode

Video Mode

Start projection

Pause projection

Stop projection

Refresh projection screen

Server Login Code

Icon flashes while projection is in progress

Start playing video

Stop playing video

Pause playing video

Open video file

Audio volume ON

Audio volume OFF

Audio volume strength bar

Video time bar

Icon flashes while video is playing

Function menu

Minimise the program

Exit the program

Start/Stop Presentation

Click to start projection.

Click to stop projection.

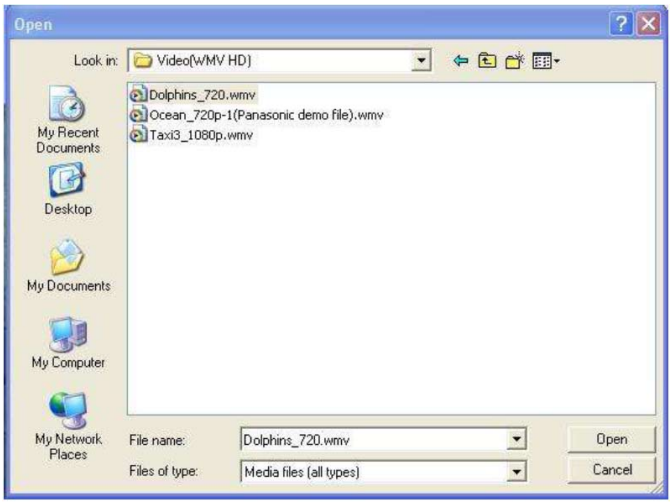
Click to pause projection, that will hide any activities of your PC screen.

Once you click **Play** button again, screen projection will be resumed.

Start/Stop Playing Video

Click to switch to Video Mode.

Click to open the video file and **submit** to play it.



*** Supported Video Format: MPG, MPEG, DAT, VOB, WMV9, ASF.**

Open Admin Web Page

Click to open function menu and select **Web Admin** management web page. The web page detailed functions will be described on next chapter.

Searching Server

Click **Search Server** to search for Wi-View 300v box again.

Repeat

Click **Repeat** to enable/disable video repeat capability.

Make PnS Token

Click **Make PnS Token** to make a USB PnS Token.

USB Auto Setup Wizard

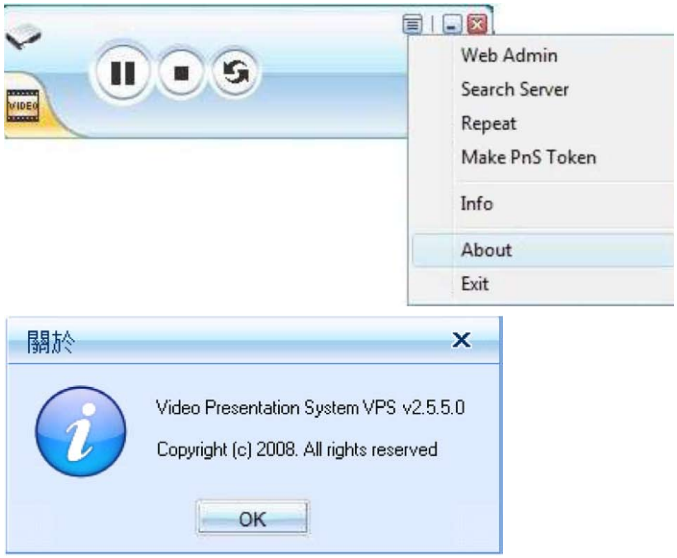
USB Auto Setup Wizard
USB Auto Setup Wizard
This wizard helps you set up a USB Token which you can perform Plug and Show through this USB token.
To continue, click Next.
< Back
Next >
Cancel

USB Auto Setup Wizard
Plug your flash drive into any USB port on this computer, and wait for the drive letter to appear below.
Flash Drive :
F:\
< Back
Next >
Cancel

System Information

Click **Info** to show system information. This includes product model name, IP address and other information.

About



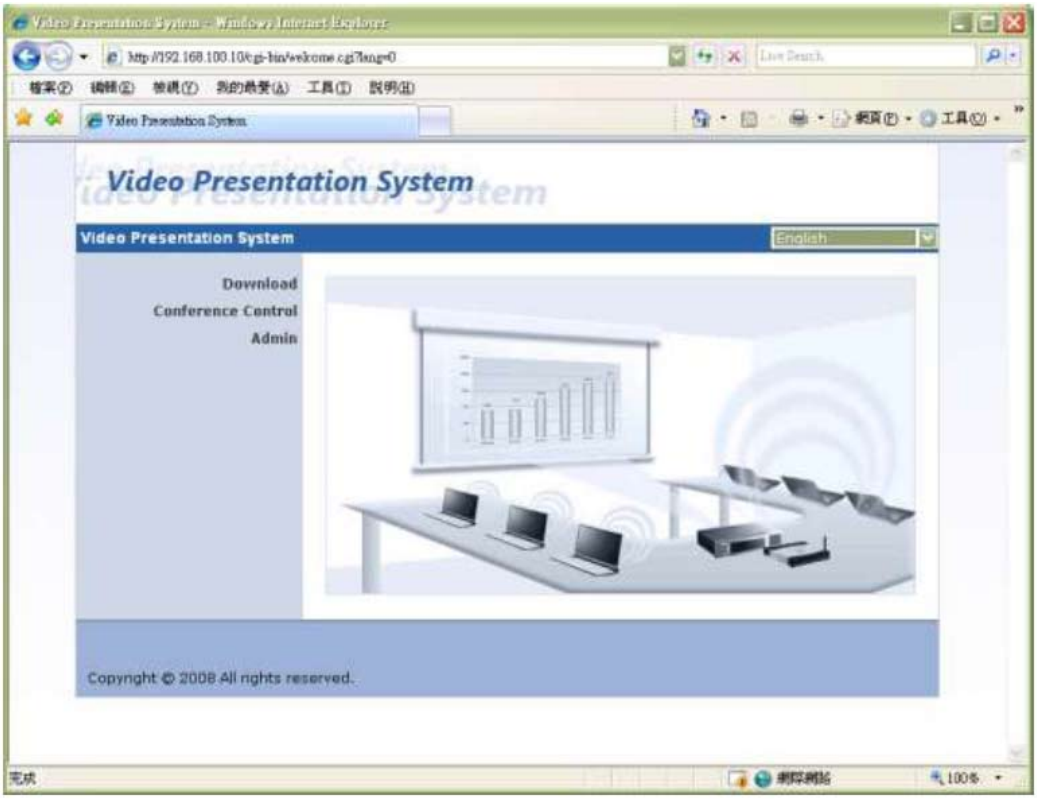
Exit Program

Click to exit this program.

Web Management

Home Page

1. Make sure your PC is successfully connected to the Wi-View 300v box.
2. Open your browser, it will automatically open the Wi-View home page.
3. If not, enter your IP address on the browser, you can see the IP on the projector screen.
4. The default IP is **192.168.100.10**



Download Software

1. Select **Download software** function.

2. Press **Login** button to download Utility, the default password is blank.

3. You can save file first then execute later or execute this utility directly.

4. Follow Installation Wizard instructions to proceed till the installation process complete.

5. If a pop up window appears saying '**Windows Security Alert'**, this is because Windows firewall has blocked this program. Press **Unblock** button to continue installation.

6. Once installation is completed, a utility shortcut appears on the screen.

File Download - Security Warning
Do you want to run or save this file?
Name: VPS-300V.exe
Type: Application, 1.36MB
From: 192.168.100.10
Run
Save
Cancel
While files from the Internet can be useful, this file type can potentially harm your computer. If you do not trust the source, do not run or save this software. What's the risk?

Conference Control

This function allows you to host a meeting smoothly without having to swap projector cables so each participant can show their presentation easily.

1. Select **Conference Control** function.

2. Enter password, the default value is '**trainer**', and then press [**Login**].

3. After login, you can see a User List on the screen which indicates all of users connected to Wi-View 300v box.

4. There are three columns: **Computer Name**, **Play Control** and **IP Address**.

5. You can press **Play Control** button to control who is next presenter by **Play** button and **Stop** button.

6. User List

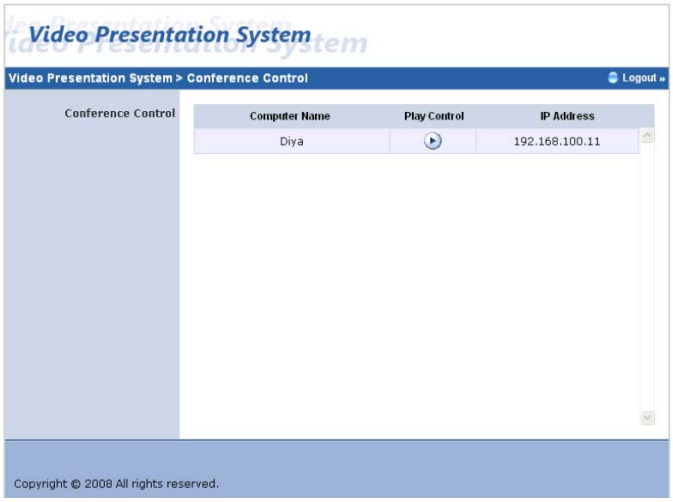
• **Computer Name**: The name of PC connected to Wi-View 300v box.

• **Play control**: Show current user's projecting status.

: Start projecting

: Stop projecting.

• **IP address**: The IP address of PC



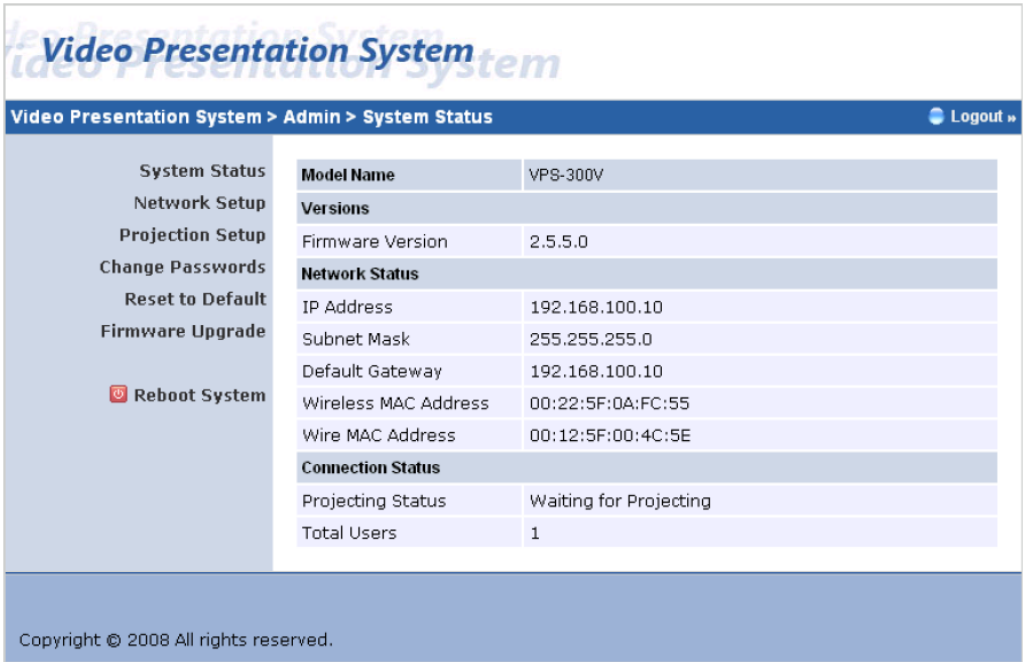
In the conference session, only the conference admin can assign someone to a project. If anyone tries to project, the following warning message will popup.

Login Web Admin

1. Click [**Admin**] and then enter password to login web page.

2. The password default value is **admin**.

System Status



*** Click [**System Status**], shows current system status. Model Name: Product model name

Versions:

1. **Firmware version no.**: Product firmware version number.
2. **Software version no.**: Windows client utility version number.

Network Status:

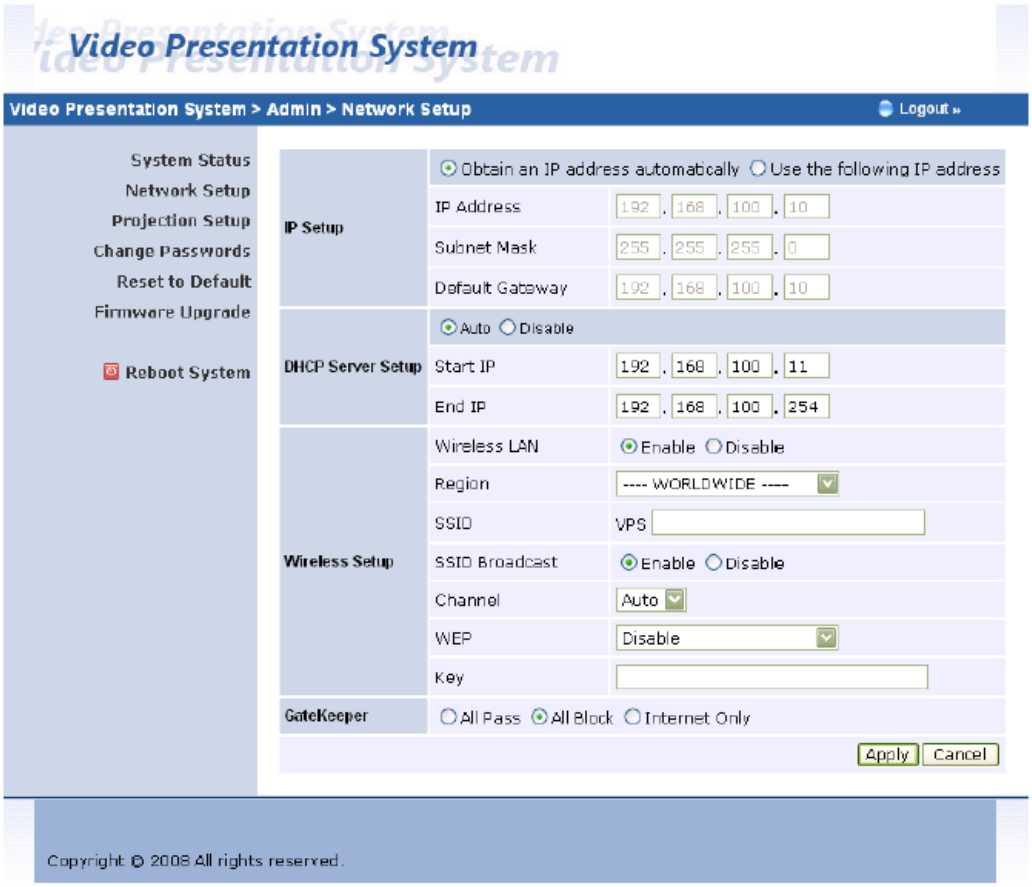
1. **IP address**: IP address of Wi-View 300v.
2. **Subnet Mask**: subnet mask
3. **Default Gateway**: default gateway
4. **Wireless MAC address**: wireless MAC address
5. **Wire MAC address**: wire MAC address

Connection Status:

1. **Projecting status**: which is **Waiting for projecting** or **Projecting**
2. **Total Users**: It shows how many users login into Wi-View 300v box.

Network Setup

There are many kinds of operating configurations as below.



Auto-Configuration Network Setup

The default setting of the Wi-View 300v is DHCP client. When the Wi-View is connected to a LAN that already has a DHCP server present, the Wi-View takes an IP address assigned to it by the server. When it is connected to a LAN that does not have a DHCP server, Wi-View becomes the DHCP server in the network.

<IP Setup>

- You can select **obtain IP address automatically** or **Use the following IP address**
- IP Address: The default value is 192.168.100.10.
- Subnet Mask: The default value is 255.255.255.0
- Default Gateway: The default value is 192.168.100.10

<DHCP Server Setup>

- You can select **auto (Enable/Disable) DHCP Server** or **Disable**
- Start IP: The start IP address of DHCP Server.
- End IP: The end IP address of DHCP Server.

<Wireless Setup>

- Wireless LAN: you can select **Enable** or **Disable**
- Region: default value is **Worldwide**.
- SSID: SSID string, max. Length is 32 bytes.
- SSID Broadcast: you can select **Enable** or **Disable**
- Channel: to set fixed channel or Auto. The **Auto** means after power on Wi-View 300v, it will scan all of wireless channel and select clear channel automatically.
- WEP: you can disable WEP key or select one of 64bit or 128bit in ASCII or HEX string.
- Key: If WEP is enabled, you have to set key value according to WEP mode you selected.

<Gatekeeper>

Gatekeeper is designed for ensuring the enterprise network security within Wi-View box

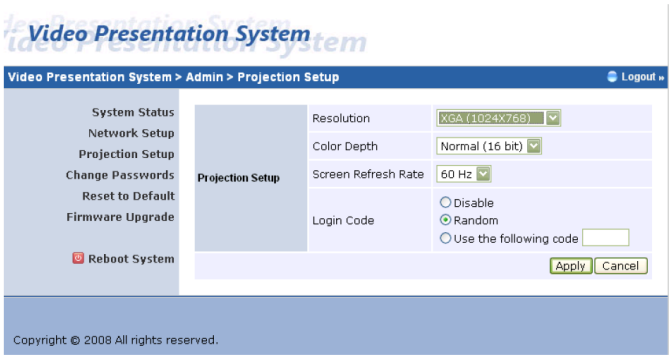
- **All Block** can block Guest Users (through wireless) to access all office network (LAN),
- **All Block** can pass Guest Users (through wireless) to access all office network
- **Internet Only** can block Guest Users (through wireless) from office network (LAN) but still reserve internet connection capability.

<**Apply** >: press button to select this mode

<**Cancel**>: press button to abort action.

<**Back**>: Back to Operating mode main menu

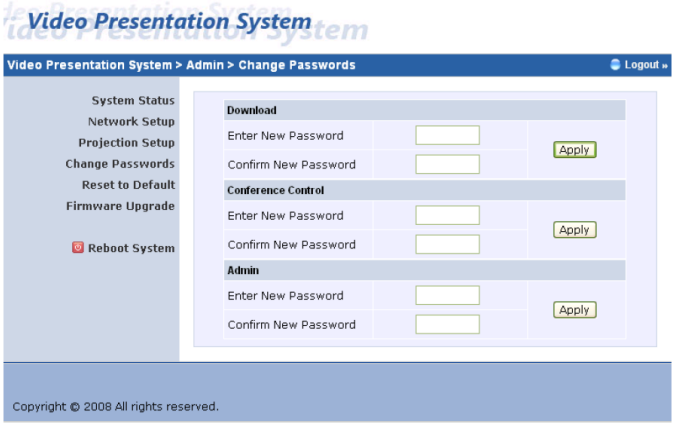
Projection Setup



*** Click [**Projection Setup**] button

- <**Resolution**>: 1024*768, 1280x768 and 800*600.
- <**Color Depth**>: provide Wi-View 300v output with 16bit or 32 bit color depth. It depends on your PC settings.
- <**Screen Refresh Rate**>: This is VGA output refresh rate, provides 60 Hz and 75Hz suitable for different projectors.
- <**Login Code**>: You can select **Disable**, **Random**, or **Use the following code** to set a specified 4-characters number.
- <**Apply**>: Confirmation and Save modifications
- <**Cancel**>: Cancel all the modifications

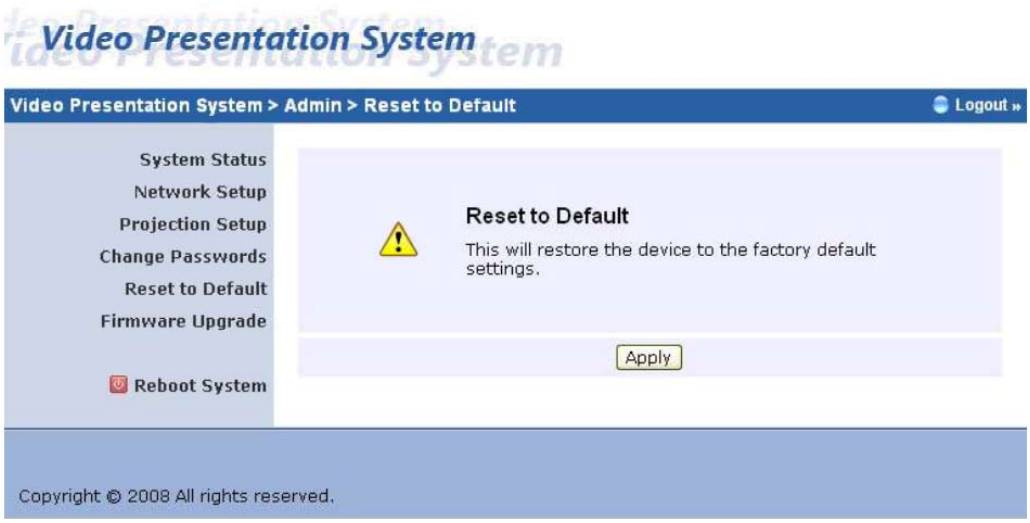
Changing Passwords



*** Click [**Change Password**] button, to change password value.

- <**Enter New Password**>: enter new password you want to change for each category.
- <**Confirm New Password**>: re-confirm new password.
- <**Apply**>: Confirmation and Save modifications.

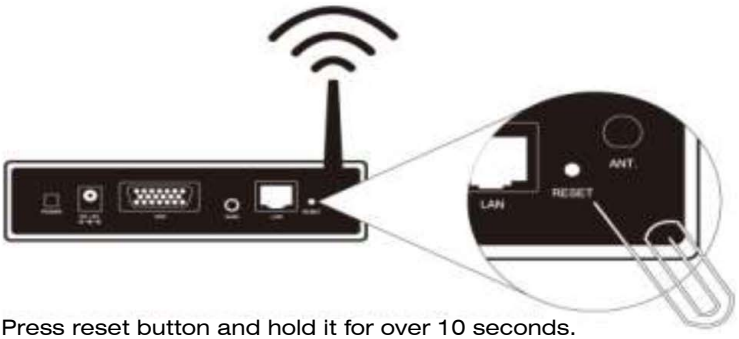
Reset to Default



*** Click [**Reset to Default**] button to restore factory default settings. <**Apply**>: Confirmation and action.

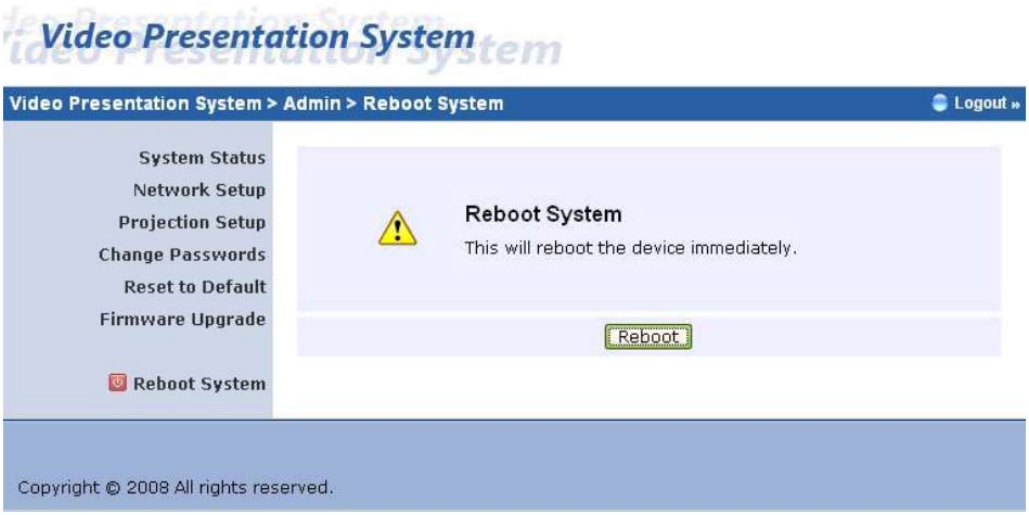
***** Another way to restore Factory Default Settings, Follow below procedures.**

1. Power off Wi-View 300v.
2. On the rear panel, press [**Reset**] button and **Hold**.
3. Turn on Wi-View 300v.
4. Wait for over 10 seconds and relief [**Reset**] button.
5. It will take effect to restore factory default settings.



Press reset button and hold it for over 10 seconds.

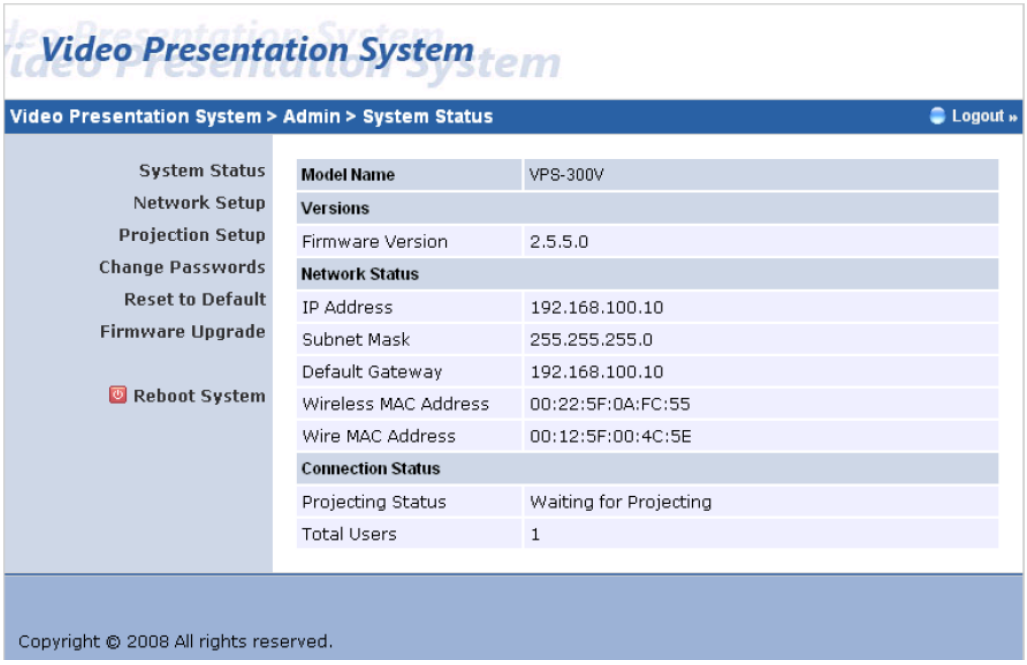
Reboot System



*** Click [**Reboot System**] button, to restart system

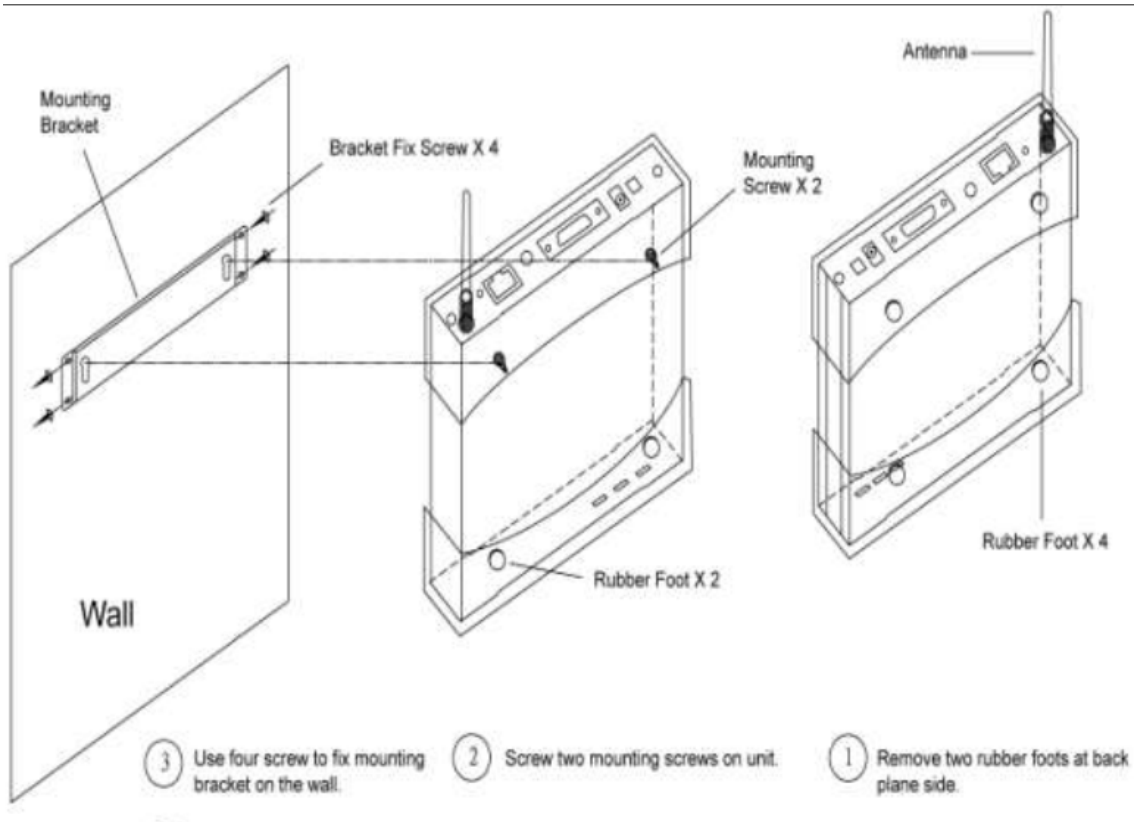
• <**Reboot**>: automatically reboots system.

Logout



*** Click [**Logout**] button, to go back to the Web home page.

Wall Mount Instructions (Optional)


Antenna
Mounting Bracket
Bracket Fix Screw X 4
Mounting Screw X 2
Rubber Foot X 4
Rubber Foot X 2
Wall
3 Use four screw to fix mounting bracket on the wall.
2 Screw two mounting screws on unit.
1 Remove two rubber foots at back plane side.

1. Remove both rubber feet from rear panel side
2. Screw the two mounting screws on to the unit
3. Use four screws to fix mounting bracket to the wall
4. Hang the unit on the mounting bracket

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Notes:

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Take a look at our new website for details on our full range of Clever Little Box products

www.cleverlittlebox.com

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